

## Worksheet 6. Application Summary

This worksheet will be posted on the web to notify the public of requests for critical use exemptions beyond the 2005 phase out for methyl bromide. Therefore, this worksheet cannot be claimed as CBI.

1. Name of Applicant: California Pepper Commision

2. Location: California

3. Crop: Pepper

4. Pounds of Methyl Bromide Requested 2005 400,000

5. Area Treated with Methyl Bromide 2005 2500 acres units

6. If methyl bromide is requested for additional years, reason for request:

About 10% of California pepper production has problems with disease control (Phytophthora and V erticillium) that existing alternatives do not adequately control. A single application of MeBr can provide several years of acceptable control ina given field; alternatives must be applied annually.

2006 400,000 lbs. Area Treated 2500 acres units

2007 400,000 lbs. Area Treated 2500 acres units

Place an "X" in the column(s) labeled "Not Technically Feasible" and/or "Not Economically Feasible" where appropriate. Use the "Reasons" column to describe why the potential alternative is not feasible.

Potential Alternatives	Not Technically Feasible	Not Economically Feasible	Reasons
1,3-D	X		Township caps limit use. Not effective against diseases such as Phytophthora and Verticillium, which are the primary problems.
1,3-D, chloropicrin	X		Concentrations of chloropicrin in 1,3-D/Chloropicrin premixes are not high enough to control diseases when used at maximum label rates.
Chloropicrin	X		Does not distriubte throughout soil profile when applied alone, resulting in reduced efficacy. It does not adequately control Phytophthora when used according to label directions.
Metam Sodium	X		Does not control Phytophthora or wilts. Results are erratic and plants are subject to phytotoxicity.
Metam Sodium, Crop Rotation	X	X	See above. Due to high land costs, there are not many crops that can be rotated with pepper that will provide an economic return. A four or five year rotation is necessary to adequately reduce inoculum in soil
Solarization/fungicides	X		Temperatures do not get hot enough during land preparation period (Feb-April) to control pathogens in soil.